

QUESTION

1. The following table shows the number of employees in each of the departments of a company in 2018 and 2019. The number of employees in each department in 2019 is 10% more than the number of employees in that department in 2018.

Department	2018	2019
Department A	120	132
Department B	150	165
Department C	180	198
Department D	210	231
Department E	240	264

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ANSWER

The number of employees in each department in 2019 is 10% more than the number of employees in that department in 2018. The total number of employees in 2018 is 120 + 150 + 180 + 210 + 240 = 900. The total number of employees in 2019 is 132 + 165 + 198 + 231 + 264 = 1090. The percentage increase in the total number of employees is $\frac{1090 - 900}{900} \times 100 = 21.1\%$.